

Appln No. 09/609,149
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Reply to Office action of January 27, 2004

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Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Currently amended) A method of enabling an auction seller to seek bids using a form containing information relating to a listing transaction, ~~the form including printed coded data indicative of an identity of the form and of at least one reference point of the form,~~ the method including the steps of:

printing the form, wherein coded data indicative of an identity of the form and of at least one reference point of the form are printed on the form substantially simultaneously with and in addition to printing of the information relating to the listing transaction;

receiving, in a computer system, indicating data from a sensing device regarding the identity of the form and a position of the sensing device relative to the form, the sensing device, when placed in an operative position relative to the form, sensing at least some of the coded data and generating the indicating data using at least some of the sensed coded data; and

identifying, in the computer system and from the indicating data, at least one parameter relating to the listing transaction.

2. (Original) The method of claim 1 in which said at least one parameter relating to the listing transaction is associated with at least one zone of the form and in which the method includes identifying, in the computer system and from the zone relative to which the sensing device is located, said at least one parameter.

3. (Previously presented) The method of claim 2 which includes:

receiving, in the computer system, data regarding movement of the sensing device relative to the form, the sensing device sensing its movement relative to the form using at least some of the sensed coded data; and

identifying, in the computer system and from said movement being at least partially within said at least one zone, said at least one parameter of the listing transaction.

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4. (Currently amended) A method of enabling an auction seller to seek bids using a form containing information relating to a listing transaction, ~~the form including printed coded data indicative of at least one parameter of the listing transaction,~~ the method including the steps of:

printing the form, wherein coded data indicative of an identity of the form and of at least one reference point of the form are printed on the form substantially simultaneously with and in addition to printing of the information relating to the listing transaction;

receiving, in a computer system, data from a sensing device regarding said at least one parameter and regarding movement of the sensing device relative to the form, the sensing device, when moved relative to the form, sensing at least some of the coded data, generating the data regarding said at least one parameter using at least some of the sensed coded data and generating the data regarding its own movement relative to the form; and

interpreting, in the computer system, said movement of the sensing device as it relates to said at least one parameter.

5. (Currently amended) A method of enabling an auction seller to seek bids using a form ~~including printed coded data indicative of an identity of the form,~~ the method including the steps of:

printing the form, wherein coded data indicative of an identity of the form and of at least one reference point of the form are printed on the form substantially simultaneously with and in addition to printing on the form information relating to a listing transaction;

receiving, in a computer system, data from a sensing device regarding an identity of the auction seller and regarding the identity of the form, the sensing device containing the data regarding the identity of the auction seller and, when placed in an operative position relative to the form, sensing at least some of the coded data and generating the data regarding the identity of the form using at least some of the sensed coded data; and

identifying, in the computer system and from the data regarding the identity of the auction seller and the identity of the form, the[[a]] listing transaction.

6. (Previously presented) The method of claim 5 in which the coded data is also indicative of at least one parameter of the listing transaction, and the method includes

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receiving, in the computer system, indicating data from the sensing device regarding said at least one parameter of the listing transaction, the sensing device sensing at least some of the coded data and generating the indicating data using at least some of the sensed coded data.

7. (Original) The method of claim 6 which includes receiving, in the computer system, data from the sensing device regarding movement of the sensing device relative to the form, the sensing device generating data regarding its own movement relative to the form.

8. (Original) The method of any one of claims 2, 4 or 6 in which the parameter is an action parameter of the listing transaction, the method including effecting, in the computer system, an operation in respect of the action parameter.

9. (Original) The method of claim 8 in which the action parameter of the listing transaction is selected from the group comprising:

requesting the listing of an item, attaching a picture of an item being listed, confirming the listing of an item, modifying the listing of an item, and cancelling the listing of an item.

10. (Original) The method of any one of claims 3, 4 or 7 in which the parameter is an option parameter of the listing transaction, the method including identifying, in the computer system, that the auction seller has entered a hand-drawn mark by means of the sensing device and effecting, in the computer system, an operation associated with the option parameter.

11. (Original) The method of claim 10 in which the option parameter is associated with at least one of:

requesting the listing of an item, attaching a picture of an item being listed, confirming the listing of an item, modifying the listing of an item, cancelling the listing of an item, an auction type, a listing category, and a listing subcategory.

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12. (Original) The method of any one of claims 3, 4 or 7 in which the parameter is a text parameter of the listing transaction, the method including identifying, in the computer system, that the auction seller has entered handwritten text data by means of the sensing device and effecting, in the computer system, an operation associated with the text parameter.

13. (Original) The method of claim 12 which includes converting, in the computer system, the handwritten text data to computer text.

14. (Original) The method of claim 13 in which the text parameter is associated with at least one of:

a name of the auction seller, a title of an auction listing, an auction start date, an auction end date, an auction item quantity, an opening bid for an auction item, a sale price for an auction item, a location of an auction item, payment terms for an auction item, a shipping method for an auction item, and a description of an auction item.

15. (Original) The method of any one of claims 3, 4 or 7 in which the parameter is an authorization parameter of the listing transaction, the method including identifying, in the computer system, that the auction seller has entered a handwritten signature by means of the sensing device and effecting, in the computer system, an operation associated with the authorization parameter.

16. (Original) The method of claim 15 which includes verifying, in the computer system, that the signature is that of the auction seller.

17. (Original) The method of claim 16 in which the authorization parameter is associated with authorization of at least one of:

listing of an auction item, and payment for listing of an auction item.

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18. (Original) The method of any one of claims 3, 4 or 7 in which the parameter is a picture parameter of the listing transaction, the method including identifying, in the computer system, that the auction seller has entered a hand-drawn picture by means of the sensing device and effecting, in the computer system, an operation associated with the picture parameter.

19. (Original) The method of claim 18 in which the picture parameter is associated with a picture of an item being listed for auction.

20. (Original) The method of any one of claims 1, 4 or 5 in which the form contains information relating to at least one of:

terms of an item auction, a description of an item being listed for auction, categories in which an item can be listed, and subcategories in which an item can be listed.

21-22. (Cancelled)

23. (Original) The method of claim 22 which includes printing the coded data to be substantially invisible in the visible spectrum.

24. (Original) The method of claim 1 or 5 which includes retaining a retrievable record of each form generated, the form being retrievable using its identity as contained in its coded data.

25. (Original) The method of any one of claims 1, 4 or 5 which includes distributing a plurality of the forms using a mixture of multicast and pointcast communications protocols.

26. (Original) The method of claim 1 or 4 in which the sensing device contains an identification means which imparts a unique identity to the sensing device and identifies it as being associated with a particular auction seller and in which the method includes monitoring, in the computer system, said identity.

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27. (Original) The method of any one of claims 1, 4 or 5 which includes providing all required information relating to the listing transaction in the form to eliminate the need for a separate display device.

28. (Original) The method of any one of claims 1, 4 or 5 in which the form is printed on multiple pages and in which the method includes binding the pages.

29. (Currently amended) A system for enabling an auction seller to seek bids using a form containing information relating to a listing transaction, ~~the form including printed coded data indicative of an identity of the form and of at least one reference point of the form,~~ the system including:

a printer adapted to print on the form substantially simultaneously both 1) coded data indicative of an identity of the form and of at least one reference point of the form, and 2) the information relating to the listing transaction; and

a computer system adapted to receive indicating data from a sensing device adapted to identify at least one parameter relating to the listing transaction, the indicating data being indicative of the identity of the form and a position of the sensing device relative to the form, the sensing device being adapted to sense at least some of the coded data and to generate the indicating data using at least some of the sensed coded data.

30. (Original) The system of claim 29 in which said at least one parameter relating to the listing transaction is associated with at least one zone of the form.

31. (Original) The system of claim 29 which includes the sensing device, the sensing device sensing its movement relative to the form using at least some of the sensed coded data.

32. (Currently amended) A system for enabling an auction seller to seek bids using a form containing information relating to a listing transaction, ~~the form including printed~~

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~~coded data indicative of at least one parameter of the listing transaction~~, the system including:

a printer adapted to print on the form substantially simultaneously both 1) coded data invisible to the human eye indicative of at least one parameter of the listing transaction, and 2) information readable by the human eye relating to the listing transaction; and

a computer system for receiving data from a sensing device regarding said at least one parameter and regarding movement of the sensing device relative to the form, and for interpreting said movement of the sensing device as it relates to said at least one parameter, the sensing device, when moved relative to the form, sensing at least some of the coded data, generating the data regarding said at least one parameter using at least some of the sensed coded data and generating the data regarding its own movement relative to the form.

33. (Currently amended) A system for enabling an auction seller to seek bids using a ~~form including printed coded data indicative of an identity of the form~~, the system including:

a printer adapted to print on the form substantially simultaneously both 1) coded data indicative of an identity of the form, and 2) information relating to the listing transaction; and

a computer system for receiving from a sensing device data regarding an identity of the auction seller and the identity of the form, and for identifying, from said received data, a listing transaction, the sensing device containing the data regarding the identity of the auction seller and, when placed in an operative position relative to the form, sensing at least some of the coded data and generating the data regarding the identity of the form using at least some of the sensed coded data.

34. (Previously presented) The system of claim 33 in which the coded data is also indicative of at least one parameter of the listing transaction, the computer system receiving indicating data from the sensing device regarding said at least one parameter of the listing transaction, and the sensing device generating the indicating data using at least some of the sensed coded data.

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35. (Original) The system of claim 33 which includes the sensing device, the sensing device sensing its movement relative to the form.

36. (Original) The system of any one of claims 29, 32 or 34 in which said at least one parameter of the listing transaction is selected from the group comprising an action parameter of the listing transaction, an option parameter of the listing transaction, a text parameter of the listing transaction, an authorization parameter of the listing transaction, and a picture parameter of the listing transaction.

37. (Original) The system of claim 36 in which the action parameter of the listing transaction is selected from the group comprising:

requesting the listing of an item, attaching a picture of an item being listed, confirming the listing of an item, modifying the listing of an item, and cancelling the listing of an item.

38. (Original) The system of claim 36 in which the option parameter is associated with at least one of:

requesting the listing of an item, attaching a picture of an item being listed, confirming the listing of an item, modifying the listing of an item, cancelling the listing of an item, an auction type, a listing category, and a listing subcategory.

39. (Original) The system of claim 36 in which the text parameter is associated with at least one of:

a name of the auction seller, a title of an auction listing, an auction start date, an auction end date, an auction item quantity, an opening bid for an auction item, a sale price for an auction item, a location of an auction item, payment terms for an auction item, a shipping method for an auction item, and a description of an auction item.

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40. (Original) The system of claim 36 in which the authorization parameter is associated with authorization of at least one of:

listing of an auction item, and payment for listing of an auction item.

41. (Original) The system of claim 36 in which the picture parameter is associated with a picture of an item being listed for auction.

42. (Original) The system of any one of claims 31, 32 or 35 in which the sensing device includes a marking nib.

43. (Original) The system of claim 31 or 32 in which the sensing device contains an identification means which imparts a unique identity to the sensing device and identifies it as being associated with a particular auction seller.

44-45. (Cancelled)

46. (Currently amended) The system of ~~any one of claims~~ claim 29, 32 or 33 in which the coded data is substantially invisible in the visible spectrum.

47. (Original) The system of claim 29 or 33 which includes a database for keeping a retrievable record of each form generated, each form being retrievable by using its identity as included in its coded data.

48. (Original) The system of claim 44 in which, to cater for a form printed on multiple pages, the printer includes a binding means for binding the pages.

49. (New) A method of enabling an auction seller to seek bids using a form containing information relating to a listing transaction, the form including printed coded data indicative of an identity of the form and of at least one reference point of the form, the method including the steps of:


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receiving, in a computer system, indicating data from a sensing device regarding the identity of the form and a position of the sensing device relative to the form, the sensing device, when placed in an operative position relative to the form, sensing at least some of the coded data and generating the indicating data using at least some of the sensed coded data;

printing the form on demand and on a surface of a surface-defining means and, at the same time that the form is printed, printing the coded data on the surface; and

identifying, in the computer system and from the indicating data, at least one parameter relating to the listing transaction.



50. (New) A system for enabling an auction seller to seek bids using a form containing information relating to a listing transaction, the form including printed coded data indicative of an identity of the form and of at least one reference point of the form, the system including:

a printer for printing the form on demand and on a surface of a surface-defining means and wherein the coded data is printed at the same time as the form; and

a computer system adapted to receive indicating data from a sensing device adapted to identify at least one parameter relating to the listing transaction, the indicating data being indicative of the identity of the form and a position of the sensing device relative to the form, the sensing device being adapted to sense at least some of the coded data and to generate the indicating data using at least some of the sensed coded data.

51. (New) A method of enabling an auction seller to seek bids using a form containing information relating to a listing transaction, the form including printed coded data indicative of at least one parameter of the listing transaction, the method including the steps of:


receiving, in a computer system, data from a sensing device regarding said at least one parameter and regarding movement of the sensing device relative to the form, the sensing device, when moved relative to the form, sensing at least some of the coded data, generating the data regarding said at least one parameter using at least some of the sensed coded data and generating the data regarding its own movement relative to the form; and

interpreting, in the computer system, said movement of the sensing device as it relates to said at least one parameter, in which the parameter is a picture parameter of the

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listing transaction, the method including identifying, in the computer system, that the auction seller has entered a hand-drawn picture by means of the sensing device and effecting, in the computer system, an operation associated with the picture parameter.



52. (New) A system for enabling an auction seller to seek bids using a form containing information relating to a listing transaction, the form including printed coded data indicative of at least one parameter of the listing transaction, the system including:

a computer system for receiving data from a sensing device regarding said at least one parameter and regarding movement of the sensing device relative to the form, and for interpreting said movement of the sensing device as it relates to said at least one parameter, the sensing device, when moved relative to the form, sensing at least some of the coded data, generating the data regarding said at least one parameter using at least some of the sensed coded data and generating the data regarding its own movement relative to the form, in which said at least one parameter of the listing transaction is selected from the group comprising an action parameter of the listing transaction, an option parameter of the listing transaction, a text parameter of the listing transaction, an authorization parameter of the listing transaction, and a picture parameter of the listing transaction, and in which the picture parameter is associated with a picture of an item being listed for auction.
